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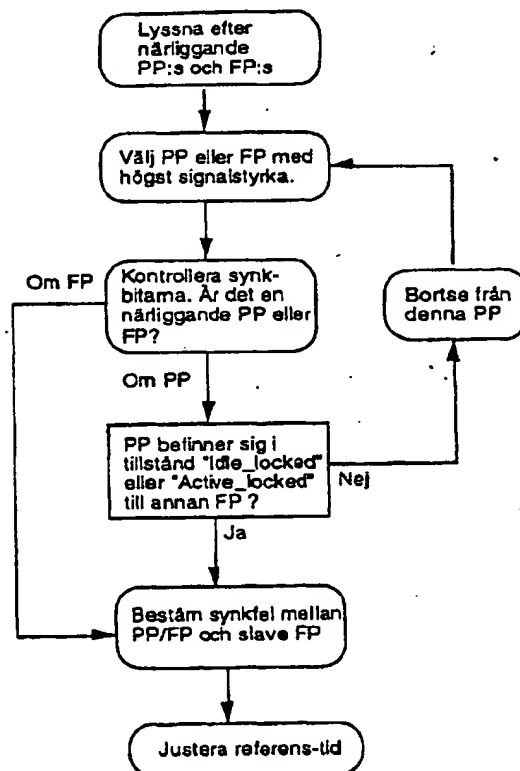
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**(54) Procedure for radio synchronization of time shared systems**

(57) The invention relates to a procedure for radio synchronization of time shared systems, especially DECT, including at least two in other respects independent systems with each at least one fixed control unit and respective portable units. According to the invention a first system establishes itself as master system, whereas the other systems start as slave systems and via radio listen in to the master system and synchronize themselves with this. The synchronization can be repeated periodically, with fixed time interval or a time interval which can be adjusted adaptively. The invention solves the problem of achieving synchronization between independent time shared wireless telecommunications systems in a way that they become locally synchronized with each other. The local synchronization can increase the capacity with up to 60%.

**FIG 1****EP 0 732 817 A3****Best Available Copy**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 96 85 0043

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			H04B H04J
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>14 April 2000</b>	Examiner <b>Felsen, J</b>
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 96 85 0043

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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